Concordia UNIVERSITY

NEWSLETTER

Office of Research Services

BC-215 (SGW CAMPUS)
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VOLUME XIX NO. 6 JANUARY 1992

RESEARCH AWARDS TO FACULTY MEMBERS - 1991-92

The Newsletter during the past year has been listing on a quarterly basis research grants and contracts awarded during the previous period.

If any faculty member is a member of a research team with another institution, please submit the data to us for future insertion. When the Principal Investigator of a cooperative research project is with another institution, his/her name is underlined.

The following are operating grants unless otherwise noted and were awarded during the second quarter for the period September 1, 1991 to November 30, 1991.

	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE			
Biology	Étude multidisciplinaire sur la nutrition des insectes défoliateurs forestiers en relation avec les stress et les caractéristiques physiologiques de leurs hôtes (Contact Person: P. Albert, E. Beauce, Université Laval)	Ministère des forêts du Québec	$ 15,000
	Cell Division in E. Coli: Physiology of Septum Formation (New Research Idea) (Contact Person: E. Newman)	NSERC	$ 25,000

recycled paper

RESEARCH AWARDS TO FACULTY MEMBERS 1991-92
(September 1, 1991 to November 30, 1991)

	Title of Project	Granting Agency	Amount
FACULTY OF ARTS & SCIENCE cont'd			
Chemistry	Oerivatization of Enzymes for Amperometric Biosensors and Electrochemical Immunoassays (3-year Strategic Grant, 1st year) (Contact Person: A.-M. English)	NSERC	$ 96,800
	High Performance Liquid Chromatograph (Strategic Equipment) (Contact Person: A.-M. English)	NSERC	$ 33,091
	Primary Processes in Multipath Photo-reactions of organometallic complexes: to support visit of D.J. Stufkens, Anorganisch chemisch Laboratorium, Universitait van Amsterdam, Netherlands (International Scientific Exchange Award) (Contact Person: C. Langford)	NSERC	$ 3,600
	High Performance Catalysts for the Aromatization of Light Alkanes (3-year Strategic Grant, 3rd year) (Contact Person: R. Le Van Mao)	NSERC	$ 53,000
	Exhibition des sciences et des technologies (Programme de Soutien aux expositions scientifiques) (Contact Person: R. Pallen)	MESS	$ 3,000
Communication Studies	In Support of a Tour to Australia to undertake a series of lectures, meetings and research (Contact Person: B. Lewis)	Department of External Affairs	$ 2,880

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FACULTY OF ARTS & SCIENCE cont'd			
Education	Training of Dominican Republic Health Workers in Media Evaluation Techniques (Contract) (Contact Person: J. Baggaley)	Street Kids International	$ 9,961
History	The Collection of Oral History Evidence on the Experiences of Gypsy Survivors of the Holocaust (Contract) (Contact Person: F. Chalk)	Yale University	$ 2,000 U.S.
Physics	Highly Sensitive Thin Rod Sensors (2-year Contract, 1st year) (Contact Person: D. Cheeke)	Institute of Chemical Science and Technology	$ 81,300
Psychology	Peer Relations and Adjustment: A Longitudinal Study of Outcomes and Processes in School-Age Children (4-year Grant, 3rd year) (Contact Person: W. Bukowski)	William T. Grant Foundation	$ 22,739 U.S.
Sociology & Anthropology	Structure sociales et reproduction demographique au Saguenay jusqu'en 1971 (Nouveaux chercheur) (Contact Person: D. Gauvreau)	FCAR	$ 11,839
FACULTY OF ENGINEERING & COMPUTER SCIENCE			
Dean of Engineering & Computer Science	In Support of the Chapman Prize in Engineering (Contact Person: M.N.S. Swamy)	SPAR Aerospace Limited	$ 2,000

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	Title of Project	Granting Agency	Amount
FACULTY OF ENGINEERING & COMPUTER SCIENCE cont'd			
Centre for Building Studies	La qualité de l'air intérieur (Contract) (Contact Person: R. Zmeureanu)	5th Int'l Winter Cities Biennial	$ 4,970
Computer Science	Prototyping a Multiple-Expert OCR Machine (3-year Strategic Grant, 3rd year) (Contact Person: C.Y. Suen)	NSERC	$118,918
Electrical and Computer Engineering	Modelling and Synthesis of biCMOS (3-year Grant, 1st year) (Contact Person: D. Al-Khalili)	NSERC	$ 12,000
	Research in Broadband Communications (Contact Person: J. Hayes)	Bell Northern Research	$ 10,000
	Modern Computational Analysis Techniques for Aircraft Antennas (Contract) (Contact Person: S. Kubina)	Department of National Defence	$ 30,421
	Trajectory Planning and Object Avoidance for Space Station - Phase I (Contract) (Contact Person: R. Patel)	Bombardier Inc.	$ 40,640
	Canadian Institute for Telecommunications Research (Contact Person: K. Saleh)	Networks of Centres of Excellence	$ 10,000
	Micronet - Multidimensional Filters (Contact Person: M.N.S. Swamy)	Networks of Centres of Excellence	$ 21,000

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	Title of Project	Granting Agency	Amount
FACULTY OF ENGINEERING & COMPUTER SCIENCE cont'd			
Electrical and Computer Engineering cont'd	Parallel CAD for VLSI Physical Design (3-year Strategic Grant, 1st year) (Contact Person: K. Thulasiraman)	NSERC	$143,720
Mechanical Engineering	Interaction Between an Arbitrary Point Force and a Flat Elliptical Crack (Contact Person: V. Fabrikant)	NASA	$ 9,550 U.S.
	Integrated Large-Scale CFD for Super Computers and Advanced Engineering Workstations (3-year Strategic Grant, 1st year) (Contact Person: W. Habashi)	NSERC	$ 96,500
	To Conduct Biaxial Bearing/Bypass Testing of Single Belt Joint Graphite/ Epoxy Composite Laminate (2-year Contract, 2nd year) (Contact Person: S.V. Hoa)	Department of National Defence	$ 5,200
	Educational Film Development (Contact Person: H. McQueen)	University of Ancona	$ 1,845
	Space Related Mechanical Engineering Student Projects (Contact Person: A.J. Saber)	SPAR Aerospace Limited	$ 10,000
	Investigation on Safe Speeds of Logging Trucks for Different Road Conditons (Contact Person: S. Sankar)	Forest Engineering Research Institutes of Canada	$ 1,605
	In Support of the Third Transportation Ergonomics Seminar: The Pilot/Aircraft System (Contact Person: J. Svoboda)	Transport Canada	$ 2,000

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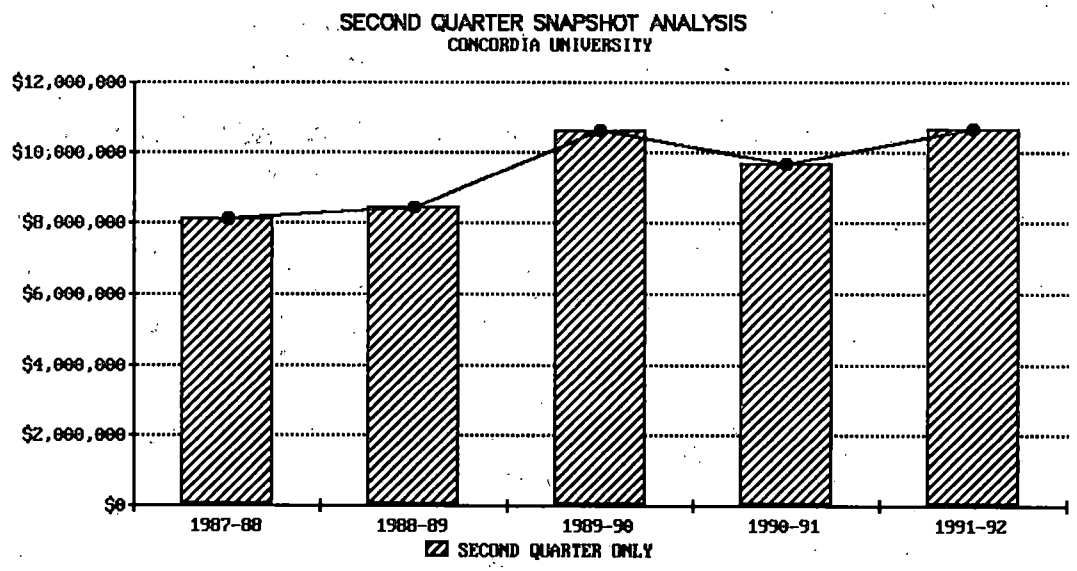
	Title of Project	Granting Agency	Amount
FACULTY OF FINE ARTS			
Printmaking & Photography	Is Gender a Factor in Photogenic Expression: A Panel Discussion (Contact Person: P. Cousineau)	Canada Council	$ 650
Theatre	50/50: A Theatre Company Integrating Disabled and Nondisabled Performers (Contact Person: B. Warren)	Anonymous	$ 150
	In Support of Visiting Artist Keith Yon (Contact Person: B. Warren)	British High Commission	$ 685
	Visiting Artists in Schools (Contact Person: B. Warren)	Association of Drama Educators in Quebec	$ 125